

Reinhard A Schumacher

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

255 papers	9,278 citations	51 h-index	84 g-index
274 ext. papers	10,400 ext. citations	4.2 avg, IF	4.76 L-index

#	Paper	IF	Citations
255	Gottfried sum from the ratio F_2n/F_2p . <i>Physical Review Letters</i> , 1991 , 66, 2712-2715	7.4	446
254	The CEBAF large acceptance spectrometer (CLAS). <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003 , 503, 513-553 ^{1,2}	1.2	386
253	Observation of an exotic $S = +1$ baryon in exclusive photoproduction from the deuteron. <i>Physical Review Letters</i> , 2003 , 91, 252001	7.4	341
252	Reevaluation of the Gottfried sum. <i>Physical Review D</i> , 1994 , 50, R1-R3	4.9	259
251	Proton and deuteron F_2 structure functions in deep inelastic muon scattering. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 295, 159-168	4.2	227
250	Differential cross sections for $\bar{p}p \rightarrow K^{++}Y$ for Λ and $\bar{\Lambda}$ hyperons. <i>Physical Review C</i> , 2006 , 73,	2.7	210
249	Measurement of two- and three-nucleon short-range correlation probabilities in nuclei. <i>Physical Review Letters</i> , 2006 , 96, 082501	7.4	181
248	Electroexcitation of nucleon resonances from CLAS data on single pion electroproduction. <i>Physical Review C</i> , 2009 , 80,	2.7	173
247	Q^2 Dependence of quadrupole strength in the $\gamma^*p \rightarrow \Delta^+(1232) \rightarrow p \pi^0$ transition. <i>Physical Review Letters</i> , 2002 , 88, 122001	7.4	169
246	Nuclear physics. Momentum sharing in imbalanced Fermi systems. <i>Science</i> , 2014 , 346, 614-7	33.3	159
245	A re-evaluation of the nuclear structure function ratios for D, He, ^6Li , C and Ca. <i>Nuclear Physics B</i> , 1995 , 441, 3-11	2.8	151
244	Hyperon photoproduction in the nucleon resonance region. <i>Physical Review C</i> , 2004 , 69,	2.7	146
243	Measurement of deeply virtual compton scattering beam-spin asymmetries. <i>Physical Review Letters</i> , 2008 , 100, 162002	7.4	122
242	First measurement of beam-recoil observables C_x and C_z in hyperon photoproduction. <i>Physical Review C</i> , 2007 , 75,	2.7	118
241	Differential cross section and recoil polarization measurements for the $\bar{p} \rightarrow K^+ \bar{n}$ reaction using CLAS at Jefferson Lab. <i>Physical Review C</i> , 2010 , 81,	2.7	116
240	The ratio F_2n/F_2p in deep inelastic muon scattering. <i>Nuclear Physics B</i> , 1992 , 371, 3-31	2.8	112
239	Eta photoproduction on the proton for photon energies from 0.75 to 1.95 GeV. <i>Physical Review Letters</i> , 2002 , 89, 222002	7.4	107

238	Observation of spin-orbit splitting in lambda single-particle states. <i>Physical Review Letters</i> , 2001 , 86, 4255-8	7.4	100
237	Production of (4)(double Lambda)H hypernuclei. <i>Physical Review Letters</i> , 2001 , 87, 132504	7.4	99
236	Measurement of the x- and Q ² -dependence of the asymmetry A ₁ on the nucleon. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 641, 11-17	4.2	95
235	Precision measurement of the structure function ratios $F_2^{\text{He2}}/F_2^{\text{D2}}$, $F_2^{\text{C2}}/F_2^{\text{D2}}$ and $F_2^{\text{Ca2}}/F_2^{\text{D2}}$. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1991 , 51, 387-393		95
234	Experimental study of the P11(1440) and D13(1520) resonances from the CLAS data on $ep \rightarrow e' p \pi^0$. <i>Physical Review C</i> , 2012 , 86,	2.7	94
233	The $ep \rightarrow e' p \eta$ reaction at and above the S11(1535) baryon resonance. <i>Physical Review Letters</i> , 2001 , 86, 1702-6	7.4	93
232	π^0 photoproduction on the proton for photon energies from 0.725 to 2.875 GeV. <i>Physical Review C</i> , 2009 , 79,	2.7	89
231	Measurement of the π^0 photoproduction line shapes near the ω (1405). <i>Physical Review C</i> , 2013 , 87,	2.7	86
230	Measurement of deeply virtual compton scattering with a polarized-proton target. <i>Physical Review Letters</i> , 2006 , 97, 072002	7.4	85
229	Differential cross sections for the reactions $\bar{p} \rightarrow p \pi^0$ and $\bar{p} \rightarrow p \pi^-$ <i>Physical Review C</i> , 2009 , 80,	2.7	82
228	The CLAS drift chamber system. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2000 , 449, 81-111	1.2	80
227	Search for the Theta+ pentaquark in the reaction $\gamma p \rightarrow p K^+ n$. <i>Physical Review Letters</i> , 2006 , 96, 212001	7.4	79
226	Measurement of the $N \rightarrow \Delta^+(1232)$ transition at high-momentum transfer by π^0 electroproduction. <i>Physical Review Letters</i> , 2006 , 97, 112003	7.4	79
225	Q ² dependence of the S11(1535) photocoupling and evidence for a P-wave resonance in π^0 electroproduction. <i>Physical Review C</i> , 2007 , 76,	2.7	73
224	π^0 photoproduction on the proton for photon energies from 0.675 to 2.875 GeV. <i>Physical Review C</i> , 2007 , 76,	2.7	72
223	Precise measurement of the neutron magnetic form factor G_M^n in the few-GeV ² region. <i>Physical Review Letters</i> , 2009 , 102, 192001	7.4	68
222	Search for Theta+ (1540) Pentaquark in High-Statistics Measurement of $\gamma p \rightarrow K^0 K^+ n$ at CLAS. <i>Physical Review Letters</i> , 2006 , 96, 042001	7.4	66
221	Photoproduction of straight ϕ (1020) mesons on the proton at large momentum transfer. <i>Physical Review Letters</i> , 2000 , 85, 4682-6	7.4	65

220	Probing high-momentum protons and neutrons in neutron-rich nuclei. <i>Nature</i> , 2018 , 560, 617-621	50.4	62
219	Measurement of the proton spin structure function $g_1(x, Q^2)$ for Q^2 from 0.15 to 1.6 GeV ² with CLAS. <i>Physical Review Letters</i> , 2003 , 91, 222002	7.4	62
218	Search for medium modifications of the rho meson. <i>Physical Review Letters</i> , 2007 , 99, 262302	7.4	61
217	Measurement of single- and double-spin asymmetries in deep inelastic pion electroproduction with a longitudinally polarized target. <i>Physical Review Letters</i> , 2010 , 105, 262002	7.4	60
216	Differential cross sections and recoil polarizations for the reaction $\bar{p} \rightarrow K + \bar{n}$. <i>Physical Review C</i> , 2010 , 82,	2.7	60
215	Towards a resolution of the proton form factor problem: new electron and positron scattering data. <i>Physical Review Letters</i> , 2015 , 114, 062003	7.4	59
214	Electroexcitation of the Roper resonance for 1.7. <i>Physical Review C</i> , 2008 , 78,	2.7	59
213	Inelastic production in deep inelastic scattering from hydrogen and deuterium and the gluon distribution of free nucleons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 258, 493-498	4.2	57
212	Measurement of the neutron and the proton F ₂ structure function ratio. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 249, 366-372	4.2	57
211	First measurement of transferred polarization in the exclusive $ep \rightarrow e'K + \Lambda$ reaction. <i>Physical Review Letters</i> , 2003 , 90, 131804	7.4	53
210	Quark and gluon distributions and $\bar{q}s$ from nucleon structure functions at low x. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 309, 222-230	4.2	53
209	Absorption of the $\bar{\Lambda}$ and η mesons in nuclei. <i>Physical Review Letters</i> , 2010 , 105, 112301	7.4	52
208	η' photoproduction on the proton for photon energies from 1.527 to 2.227 GeV. <i>Physical Review Letters</i> , 2006 , 96, 062001	7.4	52
207	Search for the H-Dibaryon in $H^3e(K^+K^-)Hn$. <i>Physical Review Letters</i> , 1997 , 78, 3646-3649	7.4	51
206	Cross sections and beam asymmetries for $e \rightarrow p \rightarrow e n \bar{n}$ in the nucleon resonance region for $1.7 \leq Q^2 \leq 4.5$ GeV ² . <i>Physical Review C</i> , 2008 , 77,	2.7	51
205	Light vector mesons in the nuclear medium. <i>Physical Review C</i> , 2008 , 78,	2.7	51
204	Differential photoproduction cross sections of the $\Delta(1385)$, $\Delta(1405)$, and $\Delta(1520)$. <i>Physical Review C</i> , 2013 , 88,	2.7	50
203	Modified structure of protons and neutrons in correlated pairs. <i>Nature</i> , 2019 , 566, 354-358	50.4	50

202	Search for the Λ pentaquark in the reactions $\bar{p} \rightarrow K^0 K^+ n$ and $\bar{p} \rightarrow K^0 K^0 p$. <i>Physical Review D</i> , 2006 , 74,	4.9	47
201	Measurement of semi-inclusive Λ electroproduction off the proton. <i>Physical Review D</i> , 2009 , 80,	4.9	46
200	Single Λ electroproduction on the proton in the first and second resonance regions at 0.25 GeV ² . <i>Physical Review C</i> , 2006 , 73,	2.7	46
199	Measurement of the structure function of the nearly free neutron using spectator tagging in inelastic H ₂ (e,e'p)X scattering with CLAS. <i>Physical Review C</i> , 2014 , 89,	2.7	45
198	Cross Sections for the Exclusive Photon Electroproduction on the Proton and Generalized Parton Distributions. <i>Physical Review Letters</i> , 2015 , 115, 212003	7.4	45
197	Differential cross sections and spin density matrix elements for the reaction $\bar{p} \rightarrow p \pi^0$. <i>Physical Review C</i> , 2009 , 80,	2.7	44
196	Separated structure functions for the exclusive electroproduction of $K^+ \Lambda$ and $K^+ \Sigma^0$ final states. <i>Physical Review C</i> , 2007 , 75,	2.7	43
195	Photoproduction of the $\rho(0)$ meson on the proton at large momentum transfer. <i>Physical Review Letters</i> , 2001 , 87, 172002	7.4	42
194	Beam-helicity asymmetries in double-charged-pion photoproduction on the proton. <i>Physical Review Letters</i> , 2005 , 95, 162003	7.4	40
193	Direct Observation of Proton-Neutron Short-Range Correlation Dominance in Heavy Nuclei. <i>Physical Review Letters</i> , 2019 , 122, 172502	7.4	39
192	Measurement of exclusive Σ^0 electroproduction structure functions and their relationship to transverse generalized parton distributions. <i>Physical Review Letters</i> , 2012 , 109, 112001	7.4	39
191	Exclusive Σ^0 electroproduction on the proton at CLAS. <i>European Physical Journal A</i> , 2009 , 39, 5-31	2.5	39
190	Measurements of R_d - R_p and R_{Ca} - R_c in deep inelastic muon scattering. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 294, 120-126	4.2	39
189	Observables in high-statistics measurements of the reaction $p\text{-}\bar{p} \rightarrow \Lambda\text{-}\bar{\Lambda}$. <i>Physical Review C</i> , 1996 , 54, 1877-1886	2.7	38
188	Measurements of $ep \rightarrow e' \Lambda n$ at 1.6. <i>Physical Review C</i> , 2015 , 91,	2.7	37
187	Moments of the spin structure functions g_1^p and g_1^d for 0.05. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 672, 12-16	4.2	37
186	Quark-hadron duality in spin structure functions g_1^p and g_1^d . <i>Physical Review C</i> , 2007 , 75,	2.7	37
185	Measurement of the polarized structure function ΣT for $p(e, e' \Lambda) n$ in the $\Lambda(1232)$ resonance region. <i>Physical Review C</i> , 2004 , 70,	2.7	37

184	Possible violation of the rule in non-mesonic hypernuclear weak decay. <i>Nuclear Physics A</i> , 1992 , 547, 143-148	36
183	Spin and parity measurement of the $\Lambda(1405)$ baryon. <i>Physical Review Letters</i> , 2014 , 112,	7-4 35
182	Search for the Theta+ Pentaquark in the $\gamma p \rightarrow \Delta^+ K^0$ reaction measured with the CLAS spectrometer. <i>Physical Review Letters</i> , 2006 , 97, 032001	7-4 35
181	Measurement of the beam asymmetry Σ for Λ and $\bar{\Lambda}$ photoproduction on the proton at $E_{\gamma} = 9$ GeV. <i>Physical Review C</i> , 2017 , 95,	2-7 34
180	Measurement of the neutron F2 structure function via spectator tagging with CLAS. <i>Physical Review Letters</i> , 2012 , 108, 142001	7-4 34
179	Complete angular distribution measurements of two-body deuteron photodisintegration between 0.5 and 3 GeV. <i>Physical Review C</i> , 2004 , 70,	2-7 34
178	First results from the GlueX experiment 2016 ,	34
177	Single and double spin asymmetries for deeply virtual Compton scattering measured with CLAS and a longitudinally polarized proton target. <i>Physical Review D</i> , 2015 , 91,	4-9 33
176	Exclusive π^0 production. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 605, 256-264	33
175	Deeply virtual and exclusive electroproduction of η mesons. <i>European Physical Journal A</i> , 2005 , 24, 445-458	33
174	Large-solid-angle study of pion absorption on ^3He . <i>Physical Review Letters</i> , 1994 , 73, 1336-1339	7-4 32
173	Longitudinal target-spin asymmetries for deeply virtual compton scattering. <i>Physical Review Letters</i> , 2015 , 114, 032001	7-4 31
172	Electroproduction of Λ and $\bar{\Lambda}$ off protons at 0.2. <i>Physical Review C</i> , 2009 , 79,	2-7 30
171	Precision measurement of structure function ratios for ^6Li , ^{12}C and ^{40}Ca . <i>Zeitschrift für Physik C-Particles and Fields</i> , 1992 , 53, 73-77	30
170	Photoproduction of Λ and $\bar{\Lambda}$ hyperons using linearly polarized photons. <i>Physical Review C</i> , 2016 , 93,	2-7 29
169	Data analysis techniques, differential cross sections, and spin density matrix elements for the reaction $\bar{p} \rightarrow \pi^0 p$. <i>Physical Review C</i> , 2014 , 89,	2-7 29
168	Beam-recoil polarization transfer in the nucleon resonance region in the exclusive $e \rightarrow p \rightarrow e' K^+ \Lambda$ and $e \rightarrow p \rightarrow e' K^+ \Lambda^0$ reactions at the CLAS spectrometer. <i>Physical Review C</i> , 2009 , 79,	2-7 29
167	Partial wave analysis of the reaction $\bar{p} \rightarrow \pi^0 p$ and the search for nucleon resonances. <i>Physical Review C</i> , 2009 , 80,	2-7 29

166	Measurement of the differential cross section for the reaction $\gamma n \rightarrow \pi^- p$ from deuterium. <i>Physical Review Letters</i> , 2009 , 103, 012301	7.4	29
165	Cascade production in the reactions $\bar{p} \rightarrow K^+ K^+ (X)$ and $\bar{p} \rightarrow K^+ K^+ \bar{X}$. <i>Physical Review C</i> , 2007 , 76,	2.7	29
164	First measurement of the helicity asymmetry E in photoproduction on the proton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 755, 64-69	4.2	29
163	Center of Mass Motion of Short-Range Correlated Nucleon Pairs studied via the $A(e, e^+ \bar{p} p)$ Reaction. <i>Physical Review Letters</i> , 2018 , 121, 092501	7.4	29
162	Beam asymmetry A_{long} for π^0 and η photoproduction on the proton for photon energies from 1.102 to 1.862 GeV. <i>Physical Review C</i> , 2013 , 88,	2.7	28
161	Transverse momentum distributions for exclusive η muoproduction. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1992 , 54, 239-245		28
160	Beam spin asymmetries in deeply virtual Compton scattering (DVCS) with CLAS at 4.8 GeV. <i>Physical Review C</i> , 2009 , 80,	2.7	27
159	Photoproduction of η meson pairs on the proton. <i>Physical Review D</i> , 2009 , 80,	4.9	27
158	Radiative decays of the $\Sigma(1385)$ and $\Sigma(1520)$ hyperons. <i>Physical Review C</i> , 2005 , 71,	2.7	27
157	Precise measurements of beam spin asymmetries in semi-inclusive η production. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 704, 397-402	4.2	26
156	Search for the photoexcitation of exotic mesons in the $\pi^+ \pi^+ \pi^-$ system. <i>Physical Review Letters</i> , 2009 , 102, 102002	7.4	26
155	Publisher's Note: Measurement of the Neutron F2 Structure Function via Spectator Tagging with CLAS [Phys. Rev. Lett. 108, 142001 (2012)]. <i>Physical Review Letters</i> , 2012 , 108,	7.4	26
154	Polarized structure function LT' for $H_1(e \rightarrow e' K^+) n$ in the nucleon resonance region. <i>Physical Review C</i> , 2008 , 77,	2.7	26
153	Cross sections for the $\bar{p} \rightarrow K^* \bar{0} \pi$ reaction at $E_{\text{lab}} 1.7 \text{--} 3.0$ GeV. <i>Physical Review C</i> , 2007 , 75,	2.7	26
152	Measurements of $ep \rightarrow e' \pi^+ \pi^-$ cross sections with CLAS at 1.40 GeV. <i>Physical Review C</i> , 2017 , 96,	2.7	25
151	Composite particle production in relativistic Au+Pt, Si+Pt, and p+Pt collisions. <i>Physical Review C</i> , 1994 , 49, 3211-3218	2.7	25
150	Exclusive quasi-deuteron absorption of pions in ^{16}O and ^{18}O at 116 MeV. <i>Physical Review C</i> , 1988 , 38, 2205-2220	2.7	25
149	Evidence for the onset of color transparency in η electroproduction off nuclei. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 712, 326-330	4.2	24

148	Measurement of two-photon exchange effect by comparing elastic $e\bar{p}$ cross sections. <i>Physical Review C</i> , 2017 , 95,	2.7	24
147	Electroproduction of $\eta(1020)$ mesons at $1.4 < Q^2 < 3.8$ GeV ² measured with the CLAS spectrometer. <i>Physical Review C</i> , 2008 , 78,	2.7	24
146	Experimental study of exclusive $2H(e,e'p)n$ reaction mechanisms at high Q^2 . <i>Physical Review Letters</i> , 2007 , 98, 262502	7.4	24
145	Exclusive \bar{D} electroproduction at $W > 2$ GeV with CLAS. <i>Physical Review C</i> , 2014 , 90,	2.7	23
144	Precision measurements of g_1 of the proton and of the deuteron with 6 GeV electrons. <i>Physical Review C</i> , 2014 , 90,	2.7	23
143	Electron scattering from high-momentum neutrons in deuterium. <i>Physical Review C</i> , 2006 , 73,	2.7	23
142	Exclusive photoproduction of the cascade (Ξ) hyperons. <i>Physical Review C</i> , 2005 , 71,	2.7	23
141	π absorption on ^{12}C in the $\pi(1232)$ region. <i>Nuclear Physics A</i> , 1987 , 469, 617-626	1.3	23
140	Differential cross section of π^0 . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 688, 289-293	4.2	22
139	Measurement of $ep \rightarrow ep\pi^0$ beam spin asymmetries above the resonance region. <i>Physical Review C</i> , 2008 , 77,	2.7	22
138	Search for double- Λ hypernuclei and the H-dibaryon in the $(K\bar{K})$ reaction on ^{12}C . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 478, 401-407	4.2	22
137	Photoproduction of the $f_1(1285)$ meson. <i>Physical Review C</i> , 2016 , 93,	2.7	21
136	Photon beam asymmetry Σ for Λ and $\bar{\Lambda}$ photoproduction from the proton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 771, 213-221	4.2	21
135	Tensor correlations measured in $^3\text{He}(e,e'pp)n$. <i>Physical Review Letters</i> , 2010 , 105, 222501	7.4	21
134	Measurement of the $^{12}\text{C}(\pi, 2\pi)$ reactions and possible evidence of a double- Δ excitation. <i>Physical Review Letters</i> , 1991 , 66, 1279-1282	7.4	21
133	Precise determination of the deuteron spin structure at low to moderate Q^2 with CLAS and extraction of the neutron contribution. <i>Physical Review C</i> , 2015 , 92,	2.7	20
132	First measurement of the polarization observable E in the $p \rightarrow (\bar{D}, \bar{\Lambda})n$ reaction up to 2.25 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 750, 53-58	4.2	20
131	η -meson photoproduction on hydrogen in the neutral decay mode. <i>Physical Review C</i> , 2014 , 89,	2.7	20

130	Measurement of the $p\text{-}\bar{p} \rightarrow \Lambda\text{-}\bar{\Lambda}$ and $p\text{-}\bar{p} \rightarrow \Sigma^0\text{-}\bar{\Lambda}$ +c.c. reactions at 1.726 and 1.771 GeV/c. <i>Physical Review C</i> , 1996 , 54, 2831-2842	2.7	20
129	Demonstration of a novel technique to measure two-photon exchange effects in elastic $e\bar{p}$ scattering. <i>Physical Review C</i> , 2013 , 88,	2.7	19
128	Measurement of the differential and total cross sections of the $\bar{d} \rightarrow K^0\bar{p}$ reaction within the resonance region. <i>Physical Review C</i> , 2017 , 96,	2.7	19
127	Measurement of transparency ratios for protons from short-range correlated pairs. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 722, 63-68	4.2	19
126	The extraction of σ_{tot} . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 680, 417-422	4.2	19
125	Complete measurement of three-body photodisintegration of He^3 for photon energies between 0.35 and 1.55 GeV. <i>Physical Review C</i> , 2004 , 70,	2.7	19
124	Production of π^\pm , K^\pm , p , and \bar{p} in relativistic Au+Pt, Si+Pt, and p+Pt collisions. <i>Physical Review C</i> , 1993 , 48, 2984-2994	2.7	19
123	First Exclusive Measurement of Deeply Virtual Compton Scattering off ^4He : Toward the 3D Tomography of Nuclei. <i>Physical Review Letters</i> , 2017 , 119, 202004	7.4	18
122	Weak decays of ^4He . <i>Physical Review C</i> , 2007 , 76,	2.7	18
121	Proton source size measurements in the $eA \rightarrow e'ppX$ reaction. <i>Physical Review Letters</i> , 2004 , 93, 192301	7.4	18
120	Electromagnetic strangeness production at CEBAF. <i>Nuclear Physics A</i> , 1995 , 585, 63-74	1.3	18
119	$^{16}\text{O}(\pi^+, 2p)$ reaction at 165 MeV. <i>Physical Review C</i> , 1990 , 41, 409-413	2.7	18
118	Determination of the proton spin structure functions for 0.05. <i>Physical Review C</i> , 2017 , 96,	2.7	17
117	Measurement of direct $f_0(980)$ photoproduction on the proton. <i>Physical Review Letters</i> , 2009 , 102, 102001	7.4	17
116	First measurement of target and double spin asymmetries for $e \rightarrow p \rightarrow e p\pi$ in the nucleon resonance region above the $\pi(1232)$. <i>Physical Review C</i> , 2008 , 78,	2.7	17
115	Measurement of the polarized structure function Π_T' for pion electroproduction in the Roper-resonance region. <i>Physical Review C</i> , 2005 , 72,	2.7	17
114	First results on nucleon resonance photocouplings from the $\bar{p} \rightarrow \bar{n}\pi$ reaction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 788, 371-379	4.2	16
113	Beam-Target Helicity Asymmetry for $\bar{p} \rightarrow \bar{n}\pi^0 p$ in the N^* Resonance Region. <i>Physical Review Letters</i> , 2017 , 118, 242002	7.4	16

112	Properties of the $\Lambda(1405)$ Measured at CLAS. <i>Nuclear Physics A</i> , 2010 , 835, 325-328	1.3	16
111	Measurement of the deuteron structure function F2 in the resonance region and evaluation of its moments. <i>Physical Review C</i> , 2006 , 73,	2.7	16
110	Measurement of coherent π -meson photoproduction from the deuteron at low energies. <i>Physical Review C</i> , 2007 , 76,	2.7	16
109	The reaction at E_{π^-} 196 MeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1985 , 157, 19-22	4.2	16
108	Deep exclusive π^0 electroproduction off the proton at CLAS. <i>European Physical Journal A</i> , 2013 , 49, 1	2.5	15
107	First observation of the $\Lambda(1405)$ line shape in electroproduction. <i>Physical Review C</i> , 2013 , 88,	2.7	15
106	Publisher's Note: Differential photoproduction cross sections of the $\Lambda(1385)$, $\Lambda(1405)$, and $\Lambda(1520)$ [Phys. Rev. C 88, 045201 (2013)]. <i>Physical Review C</i> , 2013 , 88,	2.7	15
105	Scaling and resonances in elementary $K^+\pi^0$ photoproduction. <i>Physical Review C</i> , 2011 , 83,	2.7	15
104	Electromagnetic decay of the $\Lambda(1385)$ to $\pi^0\Lambda$ <i>Physical Review D</i> , 2011 , 83,	4.9	15
103	A Large Acceptance Detector System (LADS) for studies of pion absorption. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996 , 373, 374-386	1.2	15
102	Dominance of the two-nucleon mechanism in $^{16}\text{O}(\pi^+, pp)$ at 115 MeV. <i>Physical Review C</i> , 1992 , 45, 1767-1783	1.7	15
101	Beam-spin asymmetries from semi-inclusive pion electroproduction. <i>Physical Review D</i> , 2014 , 89,	4.9	14
100	Evidence for a backward peak in the $\pi^- \rightarrow \pi^0 d$ cross section near the Λ threshold. <i>European Physical Journal A</i> , 2010 , 43, 261-267	2.5	14
99	A measurement of cross sections for ^{32}S interactions with Al, Fe, Cu, Ag and Pb at 200 GeV/c per nucleon. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989 , 220, 328-332	4.2	14
98	Differential cross section measurements for $\pi^- \rightarrow \pi^0$ above the first nucleon resonance region. <i>Physical Review C</i> , 2017 , 96,	2.7	13
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